

Water Management

(The information in this table indicates the dominant soil condition but does not eliminate the need for onsite investigation. The numbers in the value columns range from 0.01 to 1.00. The larger the value, the greater the limitation. See text for further explanation of ratings in this table.)

Lucas County, Iowa

Map symbol and soil name	Pond reservoir areas		Embankments, dikes, and levees		Aquifer-fed excavated ponds	
	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
13B: Zook-----	Not limited		Very limited Depth to saturated zone	1.00	Somewhat limited Slow refill	0.95
			Hard to pack	1.00	Cutbanks cave	0.10
Olmitz-----	Somewhat limited Seepage	0.70	Somewhat limited Piping	0.09	Very limited Depth to water	1.00
Vesser-----	Somewhat limited Seepage	0.70	Very limited Depth to saturated zone	1.00	Somewhat limited Slow refill	0.30
			Piping	0.15	Cutbanks cave	0.10
					Depth to water	0.01
23C: Arispe-----	Somewhat limited Seepage	0.70	Somewhat limited Depth to saturated zone	0.43	Somewhat limited Slow refill	0.30
					Depth to water	0.25
					Cutbanks cave	0.10
23C2: Arispe-----	Somewhat limited Seepage	0.70	Somewhat limited Depth to saturated zone	0.43	Somewhat limited Slow refill	0.30
					Depth to water	0.25
					Cutbanks cave	0.10
24D: Shelby-----	Somewhat limited Seepage	0.05	Not limited		Very limited Depth to water	1.00
	Slope	0.01				
24D2: Shelby-----	Somewhat limited Seepage	0.05	Not limited		Very limited Depth to water	1.00
	Slope	0.01				
24E2: Shelby-----	Somewhat limited Seepage	0.05	Not limited		Very limited Depth to water	1.00
	Slope	0.04				
24E3: Shelby-----	Somewhat limited Seepage	0.05	Not limited		Very limited Depth to water	1.00
	Slope	0.04				

Water Management

(The information in this table indicates the dominant soil condition but does not eliminate the need for onsite investigation. The numbers in the value columns range from 0.01 to 1.00. The larger the value, the greater the limitation. See text for further explanation of ratings in this table.)

Lucas County, Iowa

Map symbol and soil name	Pond reservoir areas		Embankments, dikes, and levees		Aquifer-fed excavated ponds	
	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
24F2: Shelby-----	Somewhat limited Slope Seepage	 0.18 0.05	Not limited		Very limited Depth to water	 1.00
51: Vesser-----	Somewhat limited Seepage	 0.70	Very limited Depth to saturated zone Piping	 1.00 0.15	Somewhat limited Slow refill Cutbanks cave Depth to water	 0.30 0.10 0.01
51+: Vesser-----	Somewhat limited Seepage	 0.70	Very limited Depth to saturated zone Piping	 1.00 0.15	Somewhat limited Slow refill Cutbanks cave Depth to water	 0.30 0.10 0.01
51B: Vesser-----	Somewhat limited Seepage	 0.70	Very limited Depth to saturated zone Piping	 1.00 0.15	Somewhat limited Slow refill Cutbanks cave Depth to water	 0.30 0.10 0.01
51B+: Vesser-----	Somewhat limited Seepage	 0.70	Very limited Depth to saturated zone Piping	 1.00 0.15	Somewhat limited Slow refill Cutbanks cave Depth to water	 0.30 0.10 0.01
54: Zook-----	Somewhat limited Seepage	 0.01	Very limited Depth to saturated zone Hard to pack	 1.00 0.96	Somewhat limited Slow refill Cutbanks cave	 0.95 0.10
54+: Zook-----	Somewhat limited Seepage	 0.01	Very limited Depth to saturated zone Hard to pack	 1.00 0.80	Somewhat limited Slow refill Cutbanks cave	 0.30 0.10

Water Management

(The information in this table indicates the dominant soil condition but does not eliminate the need for onsite investigation. The numbers in the value columns range from 0.01 to 1.00. The larger the value, the greater the limitation. See text for further explanation of ratings in this table.)

Lucas County, Iowa

Map symbol and soil name	Pond reservoir areas		Embankments, dikes, and levees		Aquifer-fed excavated ponds	
	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
54B: Zook-----	Not limited		Very limited Depth to saturated zone Hard to pack	1.00 1.00	Somewhat limited Slow refill Cutbanks cave	0.95 0.10
65E: Lindley-----	Somewhat limited Seepage Slope	0.05 0.04	Somewhat limited Piping	0.60	Very limited Depth to water	1.00
65E2: Lindley-----	Somewhat limited Seepage Slope	0.05 0.04	Somewhat limited Piping	0.60	Very limited Depth to water	1.00
65F: Lindley-----	Somewhat limited Slope Seepage	0.18 0.05	Somewhat limited Piping	0.60	Very limited Depth to water	1.00
65F2: Lindley-----	Somewhat limited Slope Seepage	0.18 0.05	Somewhat limited Piping	0.60	Very limited Depth to water	1.00
65G: Lindley-----	Somewhat limited Slope Seepage	0.64 0.05	Somewhat limited Piping	0.60	Very limited Depth to water	1.00
65G2: Lindley-----	Somewhat limited Slope Seepage	0.64 0.05	Somewhat limited Piping	0.60	Very limited Depth to water	1.00
93D2: Shelby-----	Somewhat limited Seepage Slope	0.05 0.01	Not limited		Very limited Depth to water	1.00
Adair-----	Somewhat limited Seepage Slope	0.05 0.01	Very limited Depth to saturated zone	1.00	Somewhat limited Slow refill Cutbanks cave Depth to water	0.95 0.10 0.01

Water Management

(The information in this table indicates the dominant soil condition but does not eliminate the need for onsite investigation. The numbers in the value columns range from 0.01 to 1.00. The larger the value, the greater the limitation. See text for further explanation of ratings in this table.)

Lucas County, Iowa

Map symbol and soil name	Pond reservoir areas		Embankments, dikes, and levees		Aquifer-fed excavated ponds	
	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
94D2: Mystic-----	Somewhat limited Seepage	0.70	Very limited Depth to saturated zone	1.00	Somewhat limited Slow refill	0.30
	Slope	0.01			Cutbanks cave Depth to water	0.10 0.01
Caleb-----	Somewhat limited Seepage	0.70	Somewhat limited Piping	0.15	Very limited Depth to water	1.00
	Slope	0.01				
94E2: Mystic-----	Somewhat limited Seepage	0.70	Very limited Depth to saturated zone	1.00	Somewhat limited Slow refill	0.30
	Slope	0.04			Cutbanks cave Depth to water	0.10 0.01
Caleb-----	Somewhat limited Seepage	0.70	Somewhat limited Piping	0.15	Very limited Depth to water	1.00
	Slope	0.04				
131B: Pershing-----	Somewhat limited Seepage	0.05	Somewhat limited Depth to saturated zone	0.43	Somewhat limited Slow refill	0.95
					Depth to water Cutbanks cave	0.25 0.10
131C: Pershing-----	Somewhat limited Seepage	0.05	Somewhat limited Depth to saturated zone	0.43	Somewhat limited Slow refill	0.95
					Depth to water Cutbanks cave	0.25 0.10
131C2: Pershing-----	Somewhat limited Seepage	0.05	Somewhat limited Depth to saturated zone	0.43	Somewhat limited Slow refill	0.95
					Depth to water Cutbanks cave	0.25 0.10
131D2: Pershing-----	Somewhat limited Seepage	0.05	Somewhat limited Depth to saturated zone	0.43	Somewhat limited Slow refill	0.95
	Slope	0.01			Depth to water Cutbanks cave	0.25 0.10

Water Management

(The information in this table indicates the dominant soil condition but does not eliminate the need for onsite investigation. The numbers in the value columns range from 0.01 to 1.00. The larger the value, the greater the limitation. See text for further explanation of ratings in this table.)

Lucas County, Iowa

Map symbol and soil name	Pond reservoir areas		Embankments, dikes, and levees		Aquifer-fed excavated ponds	
	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
132B: Weller-----	Somewhat limited Seepage	0.05	Somewhat limited Depth to saturated zone	0.43	Somewhat limited Slow refill	0.95
					Depth to water	0.25
					Cutbanks cave	0.10
132C: Weller-----	Somewhat limited Seepage	0.05	Somewhat limited Depth to saturated zone	0.43	Somewhat limited Slow refill	0.95
					Depth to water	0.25
					Cutbanks cave	0.10
132C2: Weller-----	Somewhat limited Seepage	0.05	Somewhat limited Depth to saturated zone	0.43	Somewhat limited Slow refill	0.95
					Depth to water	0.25
					Cutbanks cave	0.10
132D2: Weller-----	Somewhat limited Seepage	0.05	Somewhat limited Depth to saturated zone	0.43	Somewhat limited Slow refill	0.95
	Slope	0.01			Depth to water	0.25
					Cutbanks cave	0.10
172: Wabash-----	Not limited		Very limited Depth to saturated zone	1.00	Very limited Slow refill	1.00
			Hard to pack	1.00	Cutbanks cave	0.10
179D2: Gara-----	Somewhat limited Seepage	0.05	Not limited		Very limited Depth to water	1.00
	Slope	0.01				
179E: Gara-----	Somewhat limited Seepage	0.05	Somewhat limited Piping	0.05	Very limited Depth to water	1.00
	Slope	0.04				
179E2: Gara-----	Somewhat limited Seepage	0.05	Not limited		Very limited Depth to water	1.00
	Slope	0.04				

Water Management

(The information in this table indicates the dominant soil condition but does not eliminate the need for onsite investigation. The numbers in the value columns range from 0.01 to 1.00. The larger the value, the greater the limitation. See text for further explanation of ratings in this table.)

Lucas County, Iowa

Map symbol and soil name	Pond reservoir areas		Embankments, dikes, and levees		Aquifer-fed excavated ponds	
	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
179E3: Gara-----	Somewhat limited		Not limited		Very limited	
	Seepage	0.05			Depth to water	1.00
	Slope	0.04				
179F: Gara-----	Somewhat limited		Somewhat limited		Very limited	
	Slope	0.18	Piping	0.05	Depth to water	1.00
	Seepage	0.05				
179F2: Gara-----	Somewhat limited		Not limited		Very limited	
	Slope	0.18			Depth to water	1.00
	Seepage	0.05				
179G2: Gara-----	Somewhat limited		Not limited		Very limited	
	Slope	0.64			Depth to water	1.00
	Seepage	0.05				
192C2: Adair-----	Somewhat limited		Very limited		Somewhat limited	
	Seepage	0.05	Depth to saturated zone	1.00	Slow refill	0.95
					Cutbanks cave	0.10
					Depth to water	0.01
192D2: Adair-----	Somewhat limited		Very limited		Somewhat limited	
	Seepage	0.05	Depth to saturated zone	1.00	Slow refill	0.95
	Slope	0.01			Cutbanks cave	0.10
					Depth to water	0.01
211: Edina-----	Not limited		Very limited		Somewhat limited	
			Depth to saturated zone	1.00	Slow refill	0.30
			Hard to pack	0.21	Cutbanks cave	0.10
220: Nodaway-----	Somewhat limited		Very limited		Very limited	
	Seepage	0.70	Piping	1.00	Depth to water	1.00

Water Management

(The information in this table indicates the dominant soil condition but does not eliminate the need for onsite investigation. The numbers in the value columns range from 0.01 to 1.00. The larger the value, the greater the limitation. See text for further explanation of ratings in this table.)

Lucas County, Iowa

Map symbol and soil name	Pond reservoir areas		Embankments, dikes, and levees		Aquifer-fed excavated ponds	
	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
222C: Clarinda-----	Not limited		Very limited Depth to saturated zone Hard to pack	1.00 0.82	Very limited Slow refill Cutbanks cave Depth to water	1.00 0.10 0.01
222C2: Clarinda-----	Somewhat limited Seepage	0.01	Very limited Depth to saturated zone Hard to pack	1.00 0.91	Somewhat limited Slow refill Cutbanks cave Depth to water	0.99 0.10 0.01
222C3: Clarinda-----	Not limited		Very limited Depth to saturated zone Hard to pack	1.00 0.91	Very limited Slow refill Cutbanks cave Depth to water	1.00 0.10 0.01
222D2: Clarinda-----	Somewhat limited Seepage Slope	0.01 0.01	Very limited Depth to saturated zone Hard to pack	1.00 0.91	Somewhat limited Slow refill Cutbanks cave Depth to water	0.99 0.10 0.01
223C2: Rinda-----	Not limited		Very limited Depth to saturated zone Hard to pack	1.00 0.96	Very limited Slow refill Cutbanks cave Depth to water	1.00 0.10 0.01
223D2: Rinda-----	Somewhat limited Slope	0.01	Very limited Depth to saturated zone Hard to pack	1.00 0.96	Very limited Slow refill Cutbanks cave Depth to water	1.00 0.10 0.01
269: Humeston-----	Somewhat limited Seepage	0.57	Very limited Depth to saturated zone	1.00	Somewhat limited Slow refill Cutbanks cave	0.43 0.10

Water Management

(The information in this table indicates the dominant soil condition but does not eliminate the need for onsite investigation. The numbers in the value columns range from 0.01 to 1.00. The larger the value, the greater the limitation. See text for further explanation of ratings in this table.)

Lucas County, Iowa

Map symbol and soil name	Pond reservoir areas		Embankments, dikes, and levees		Aquifer-fed excavated ponds	
	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
269+: Humeston-----	Somewhat limited Seepage	0.57	Very limited Depth to saturated zone	1.00	Somewhat limited Slow refill Cutbanks cave	0.30 0.10
273B: Olmitz-----	Somewhat limited Seepage	0.70	Somewhat limited Piping	0.09	Very limited Depth to water	1.00
273C: Olmitz-----	Somewhat limited Seepage	0.70	Somewhat limited Piping	0.09	Very limited Depth to water	1.00
313D2: Gosport-----	Somewhat limited Depth to bedrock Slope	0.11 0.01	Somewhat limited Hard to pack Depth to saturated zone Thin layer	0.96 0.95 0.86	Very limited Slow refill Cutbanks cave Depth to water	1.00 0.10 0.02
313E2: Gosport-----	Somewhat limited Depth to bedrock Slope	0.11 0.04	Somewhat limited Hard to pack Depth to saturated zone Thin layer	0.96 0.95 0.86	Very limited Slow refill Cutbanks cave Depth to water	1.00 0.10 0.02
313F: Gosport-----	Somewhat limited Slope Depth to bedrock	0.18 0.11	Somewhat limited Depth to saturated zone Thin layer Hard to pack	0.95 0.86 0.84	Very limited Slow refill Cutbanks cave Depth to water	1.00 0.10 0.02
313F2: Gosport-----	Somewhat limited Slope Depth to bedrock	0.18 0.11	Somewhat limited Hard to pack Depth to saturated zone Thin layer	0.96 0.95 0.86	Very limited Slow refill Cutbanks cave Depth to water	1.00 0.10 0.02
362: Haig-----	Somewhat limited Seepage	0.70	Very limited Depth to saturated zone Hard to pack	1.00 0.45	Somewhat limited Slow refill Cutbanks cave	0.30 0.10

Water Management

(The information in this table indicates the dominant soil condition but does not eliminate the need for onsite investigation. The numbers in the value columns range from 0.01 to 1.00. The larger the value, the greater the limitation. See text for further explanation of ratings in this table.)

Lucas County, Iowa

Map symbol and soil name	Pond reservoir areas		Embankments, dikes, and levees		Aquifer-fed excavated ponds	
	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
364B: Grundy-----	Not limited		Somewhat limited Depth to saturated zone Hard to pack	0.95 0.68	Very limited Slow refill Cutbanks cave Depth to water	1.00 0.10 0.02
423C2: Bucknell-----	Not limited		Very limited Depth to saturated zone Hard to pack	1.00 0.29	Very limited Slow refill Cutbanks cave Depth to water	1.00 0.10 0.01
423D: Bucknell-----	Somewhat limited Slope	0.01	Very limited Depth to saturated zone Hard to pack	1.00 0.24	Very limited Slow refill Cutbanks cave Depth to water	1.00 0.10 0.01
423D2: Bucknell-----	Somewhat limited Slope	0.01	Very limited Depth to saturated zone Hard to pack	1.00 0.29	Very limited Slow refill Cutbanks cave Depth to water	1.00 0.10 0.01
425D: Keswick-----	Somewhat limited Seepage Slope	0.05 0.01	Very limited Depth to saturated zone	1.00	Somewhat limited Slow refill Cutbanks cave Depth to water	0.95 0.10 0.01
425D2: Keswick-----	Somewhat limited Seepage Slope	0.05 0.01	Very limited Depth to saturated zone	1.00	Somewhat limited Slow refill Cutbanks cave Depth to water	0.95 0.10 0.01
430: Ackmore-----	Somewhat limited Seepage	0.70	Very limited Depth to saturated zone Piping	1.00 0.04	Somewhat limited Slow refill Cutbanks cave Depth to water	0.30 0.10 0.01

Water Management

(The information in this table indicates the dominant soil condition but does not eliminate the need for onsite investigation. The numbers in the value columns range from 0.01 to 1.00. The larger the value, the greater the limitation. See text for further explanation of ratings in this table.)

Lucas County, Iowa

Map symbol and soil name	Pond reservoir areas		Embankments, dikes, and levees		Aquifer-fed excavated ponds	
	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
451D2: Caleb-----	Somewhat limited Seepage Slope	0.70 0.01	Somewhat limited Piping	0.15	Very limited Depth to water	1.00
451E2: Caleb-----	Somewhat limited Seepage Slope	0.70 0.04	Somewhat limited Piping	0.15	Very limited Depth to water	1.00
452C: Lineville-----	Not limited		Very limited Depth to saturated zone	1.00	Very limited Slow refill Cutbanks cave Depth to water	1.00 0.10 0.01
452C2: Lineville-----	Not limited		Very limited Depth to saturated zone	1.00	Very limited Slow refill Cutbanks cave Depth to water	1.00 0.10 0.01
453: Tuskeego-----	Somewhat limited Seepage	0.70	Very limited Depth to saturated zone Piping	1.00 0.01	Somewhat limited Slow refill Cutbanks cave	0.30 0.10
470D2: Lamoni-----	Somewhat limited Slope	0.01	Very limited Depth to saturated zone	1.00	Very limited Slow refill Cutbanks cave Depth to water	1.00 0.10 0.01
Shelby-----	Somewhat limited Seepage Slope	0.05 0.01	Not limited		Very limited Depth to water	1.00
484: Lawson-----	Somewhat limited Seepage	0.70	Very limited Depth to saturated zone Piping	1.00 0.86	Somewhat limited Slow refill Cutbanks cave Depth to water	0.30 0.10 0.01

Water Management

(The information in this table indicates the dominant soil condition but does not eliminate the need for onsite investigation. The numbers in the value columns range from 0.01 to 1.00. The larger the value, the greater the limitation. See text for further explanation of ratings in this table.)

Lucas County, Iowa

Map symbol and soil name	Pond reservoir areas		Embankments, dikes, and levees		Aquifer-fed excavated ponds	
	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
587: Chequest-----	Somewhat limited Seepage	0.05	Very limited Depth to saturated zone Hard to pack	1.00 0.08	Somewhat limited Slow refill Cutbanks cave	0.95 0.10
587+: Chequest-----	Somewhat limited Seepage	0.05	Very limited Depth to saturated zone Hard to pack	1.00 0.03	Somewhat limited Slow refill Cutbanks cave	0.30 0.10
592C2: Mystic-----	Somewhat limited Seepage	0.70	Very limited Depth to saturated zone	1.00	Somewhat limited Slow refill Cutbanks cave Depth to water	0.30 0.10 0.01
592D2: Mystic-----	Somewhat limited Seepage Slope	0.70 0.01	Very limited Depth to saturated zone	1.00	Somewhat limited Slow refill Cutbanks cave Depth to water	0.30 0.10 0.01
711: Nodaway-----	Somewhat limited Seepage	0.70	Very limited Piping	1.00	Very limited Depth to water	1.00
Lawson-----	Somewhat limited Seepage	0.70	Very limited Depth to saturated zone Piping	1.00 0.86	Somewhat limited Slow refill Cutbanks cave Depth to water	0.30 0.10 0.01
792C: Armstrong-----	Somewhat limited Seepage	0.05	Very limited Depth to saturated zone	1.00	Somewhat limited Slow refill Cutbanks cave Depth to water	0.95 0.10 0.01
792C2: Armstrong-----	Somewhat limited Seepage	0.05	Very limited Depth to saturated zone	1.00	Somewhat limited Slow refill Cutbanks cave Depth to water	0.95 0.10 0.01

Water Management

(The information in this table indicates the dominant soil condition but does not eliminate the need for onsite investigation. The numbers in the value columns range from 0.01 to 1.00. The larger the value, the greater the limitation. See text for further explanation of ratings in this table.)

Lucas County, Iowa

Map symbol and soil name	Pond reservoir areas		Embankments, dikes, and levees		Aquifer-fed excavated ponds	
	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
792D: Armstrong-----	Somewhat limited Seepage	0.05	Very limited Depth to saturated zone	1.00	Somewhat limited Slow refill	0.95
	Slope	0.01			Cutbanks cave Depth to water	0.10 0.01
792D2: Armstrong-----	Somewhat limited Seepage	0.05	Very limited Depth to saturated zone	1.00	Somewhat limited Slow refill	0.95
	Slope	0.01			Cutbanks cave Depth to water	0.10 0.01
792D3: Armstrong-----	Somewhat limited Seepage	0.05	Very limited Depth to saturated zone	1.00	Somewhat limited Slow refill	0.95
	Slope	0.01			Cutbanks cave Depth to water	0.10 0.01
822C: Lamoni-----	Not limited		Very limited Depth to saturated zone	1.00	Very limited Slow refill	1.00
					Cutbanks cave Depth to water	0.10 0.01
822C2: Lamoni-----	Not limited		Very limited Depth to saturated zone	1.00	Very limited Slow refill	1.00
					Cutbanks cave Depth to water	0.10 0.01
822D: Lamoni-----	Somewhat limited Slope	0.01	Very limited Depth to saturated zone	1.00	Very limited Slow refill	1.00
					Cutbanks cave Depth to water	0.10 0.01
822D2: Lamoni-----	Somewhat limited Slope	0.01	Very limited Depth to saturated zone	1.00	Very limited Slow refill	1.00
					Cutbanks cave Depth to water	0.10 0.01

Water Management

(The information in this table indicates the dominant soil condition but does not eliminate the need for onsite investigation. The numbers in the value columns range from 0.01 to 1.00. The larger the value, the greater the limitation. See text for further explanation of ratings in this table.)

Lucas County, Iowa

Map symbol and soil name	Pond reservoir areas		Embankments, dikes, and levees		Aquifer-fed excavated ponds	
	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
831B: Pershing-----	Somewhat limited Seepage	0.05	Somewhat limited Depth to saturated zone	0.43	Somewhat limited Slow refill	0.95
					Depth to water	0.25
					Cutbanks cave	0.10
831C: Pershing-----	Somewhat limited Seepage	0.05	Somewhat limited Depth to saturated zone	0.43	Somewhat limited Slow refill	0.95
					Depth to water	0.25
					Cutbanks cave	0.10
831C2: Pershing-----	Somewhat limited Seepage	0.05	Somewhat limited Depth to saturated zone	0.43	Somewhat limited Slow refill	0.95
					Depth to water	0.25
					Cutbanks cave	0.10
894D2: Bucknell-----	Somewhat limited Slope	0.01	Very limited Depth to saturated zone	1.00	Very limited Slow refill	1.00
			Hard to pack	0.29	Cutbanks cave	0.10
					Depth to water	0.01
Gara-----	Somewhat limited Seepage	0.05	Not limited		Very limited Depth to water	1.00
	Slope	0.01				
993D2: Gara-----	Somewhat limited Seepage	0.05	Not limited		Very limited Depth to water	1.00
	Slope	0.01				
Armstrong-----	Somewhat limited Seepage	0.05	Very limited Depth to saturated zone	1.00	Somewhat limited Slow refill	0.95
	Slope	0.01			Cutbanks cave	0.10
					Depth to water	0.01
1711: Nodaway-----	Somewhat limited Seepage	0.70	Very limited Piping	1.00	Very limited Depth to water	1.00

Water Management

(The information in this table indicates the dominant soil condition but does not eliminate the need for onsite investigation. The numbers in the value columns range from 0.01 to 1.00. The larger the value, the greater the limitation. See text for further explanation of ratings in this table.)

Lucas County, Iowa

Map symbol and soil name	Pond reservoir areas		Embankments, dikes, and levees		Aquifer-fed excavated ponds	
	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
Lawson-----	Somewhat limited Seepage	0.70	Very limited Depth to saturated zone Piping	1.00 0.86	Somewhat limited Slow refill Cutbanks cave Depth to water	0.30 0.10 0.01
5021: Orthents-----	Not rated		Not rated		Not rated	
5025: Strip Mines-----	Not rated		Not rated		Not rated	
5040: Orthents-----	Not rated		Not rated		Not rated	
INT: Intermittent Water--	Not rated		Not rated		Not rated	
SL: Sewage Lagoon-----	Not rated		Not rated		Not rated	
W: Water-----	Not rated		Not rated		Not rated	

